

AGENDA
Critical Infrastructure / Key Resources Subcommittee
Connecticut GIS Council
June 15, 2010
1-3 pm

1. Introductions

2. New Business

- Overall Goal of the Subcommittee – where we are, where to go
- Overview of the Homeland Infrastructure Foundation-Level Data (HIFLD) Working Group
- Homeland Security Infrastructure Program (HSIP) Freedom Data and State CI/KR Priorities; NGA/TGS Data; Taxonomy
- Data Security: State FOI and Unclassified//For Official Use Only (U//FOUO)

3. Next Steps

July: Identify HSIP data of interest to review and assess;
Comparison to existing data.

August: Report back findings (good/bad/etc.)
Identify and discuss data issues;
Identify best approaches to incorporating/correcting data;
How best to document changes.

Sept: HIFLD to the Regions Representative (?)
State data flow/protocols

4. Schedule Next Meetings

5. Adjourn



Overall Goal of the Subcommittee – where we are, where to go

Within the **Data Inventory and Assessment Working Group**, individual subcommittees are tasked to evaluate, document and provide recommendations for each framework dataset, and establish policies, standards and general procedures for the submission, evaluation, maintenance, on-line access, and dissemination of all geospatial data within the purview of the Council.

Mission:

The mission of the Critical Infrastructure and Key Resources (CI/KR) Framework Data Subcommittee is to inventory and assess CI/KR GIS information, develop data standards and maintenance protocols, and to coordinate with all key parties at the federal, state, and local government levels and public utilities.

The Goal:

The ultimate goal is to have the best available and robust CI/KR datasets to populate the State Geographic Emergency Management System (GEMS) application and support emergency management.



Overall Goal of the Subcommittee – where we are, where to go

December 2008

- Subcommittee “adopted” the 18 CI/KR Sectors based on DHS
- Identified existing GIS data layers, wish-list data layers, and general information about the data.
- Prioritized data layers within each of the sectors
- Identified “Data Stewards” and “Sector Stewards”
- General task was to obtain data where possible or at least know where it is and the general quality of the data.



Overall Goal of the Subcommittee – where we are, where to go

WORKING DRAFT									
GIS Council									
Critical Infrastructure / Key Resources Subcommittee Data Themes									
CI/KR Sector	Data Theme	Data Type	In GIS Format?	Data Custodian Agency	Data Custodian Contact	Acquisition Priority	Metadata	Year of Last Update	Comments
Agriculture and Food – _____, Sector Steward									
	Large/significant active agricultural lands	Polygon	No	CT DOA	Wayne Kasacek	1	No		USDA maintains farm boundary database
	Local USDA Offices	Point	No	USDA-NRCS	Marilyn Solleau	2	No		
	Food distribution centers	Point	No	CT DOA	Wayne Kasacek	1	No		
	Aquaculture	Polygon & Polyline	Yes	CT DOA & CT DEP	Dave Carey	Complete	dataguide	2003	
	Concentrated animal feeding operations	Point	No	CT DOA	Wayne Kasacek	1	No		
	Potential Evacuation Sites for Livestock	Point	In progress	USDA-NRCS	Marilyn Solleau / Linda Horn	1	No		Working with 4-H Club to obtain
	Disease and diagnostic laboratories	Point	No	CT DPH	Uconn Exp. Stn - Rosalyn	1	No		
	Vaccine and biologic production facilities	Point	No	US FDA		1	No		FDA maintains locational database; DOA maintains biological/toxin data and regulates the import/export of chickens.
	Feed / Seed / Fertilizer Storage	Point	No	USDA-NRCS	CT NRCS	2	No		
	Commercial food processing facilities	Point	No	CT DOA		2	No		
Defense Industrial Base – Peter Sandgren (CT DEMHS), Sector Steward									
	Submarine-related industry	Point	In progress	CT DEMHS	Pete Sandgren	1	No		Beth Stewart-Kelly CTANG to assist
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Energy – Christina LaPage (CT Siting Council), Sector Steward									
	Major power lines	Polyline	No	CT Siting Council	Christina Walsh	1	No		HSIP Freedom - may need modifying
	Transfer/substations	Point	No	CT Siting Council	Christina Walsh	1	No		HSIP Freedom - may need modifying
	Geothermal	Point	No	CT Siting Council	Christina Walsh	1	No		HSIP Freedom - may need modifying
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	Hospitals	Point	Yes	CT DPH	Scott Szalkiewicz	Complete	Yes	2009	TGS Dataset - Pending DPH Review
	CTDPH mobile hospital	Point	No	CT DPW	Jeff Bolton	2	No		Part of DPW State Structures Inventory
	CTDPH State Public Health Laboratory	Point	Yes	CT DPW	Jeff Bolton	Complete	No	2009	Part of DPW State Structures Inventory
	Biological toxins distribution centers	Point	No	CT DPH	Scott Szalkiewicz	1	No		
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	Nursing homes	Point	Yes	CT DPH	Scott Szalkiewicz	Complete	Yes	2009	TGS Dataset - Pending DPH Review

Connecticut GIS Council
Critical Infrastructure / Key Resources Subcommittee

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Overall Goal of the Subcommittee – where we are, where to go

2009

- 2009 was a sabbatical year.....*kind of*
- We focused on working with TGS, NGA's contractor, to develop new datasets for the state, which in turn would be given to Feds and be part of the HSIP Freedom data.

Fire Stations

Correctional Facilities

EMS Stations

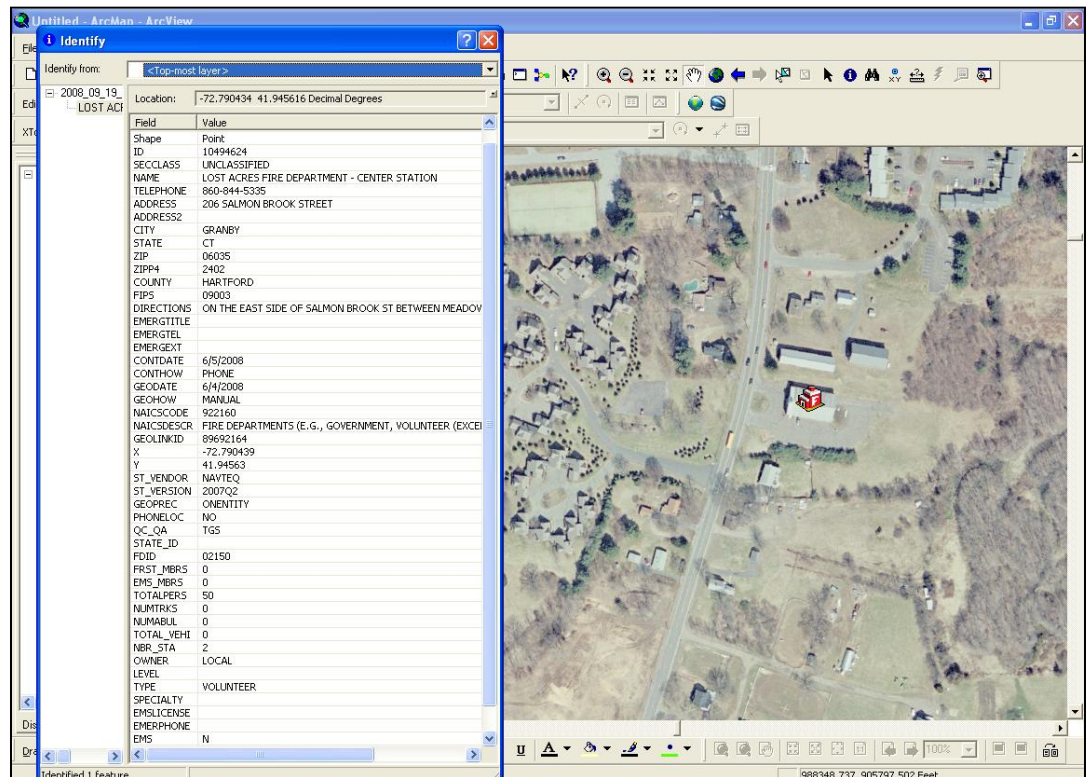
Law Enforcement

Hospitals

Places of Worship

Nursing Homes

Public Health Departments



Overall Goal of the Subcommittee – where we are, where to go

2009-2010 *Where We Are Now*

- **Needed** to develop a different approach
- **Need** to leverage existing federal data, standards, initiatives, etc. to augment our efforts/goals due to our limited staff resources

2010-2011 *Where To Go*

- Coordinate with **Homeland Infrastructure Foundation-Level Data (HIFLD) Working Group**
- Utilize **Homeland Security Infrastructure Program (HSIP) Freedom Data** to “fill in the gaps” for Connecticut's priorities and needs.
- Push data back up to make **HSIP Freedom** better.

Discussion?



Overview of HIFLD Working Group



*Connecticut GIS Council
Critical Infrastructure / Key Resources Subcommittee*

June 15, 2010

Overview of HIFLD Working Group

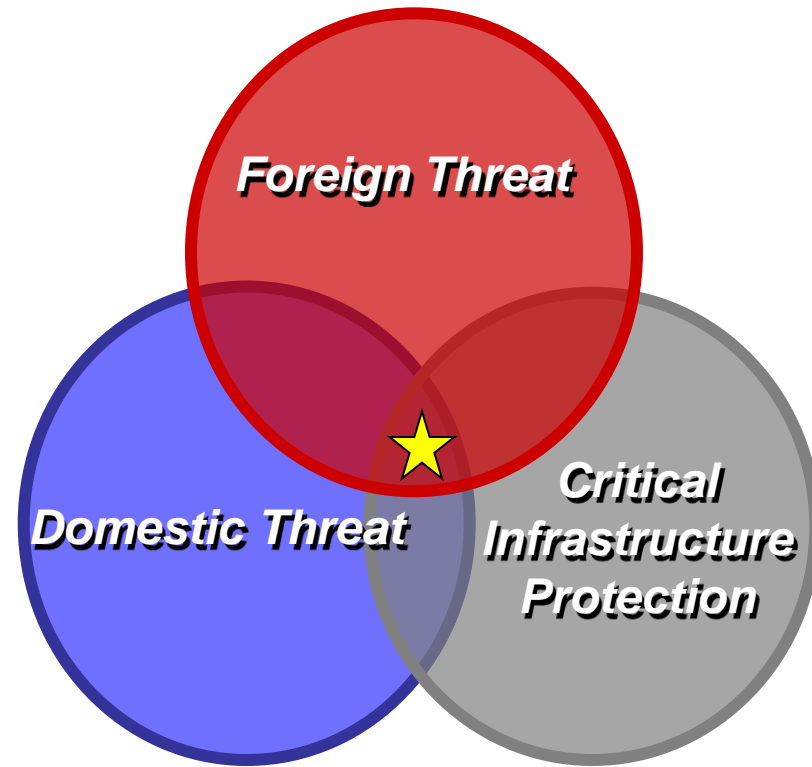


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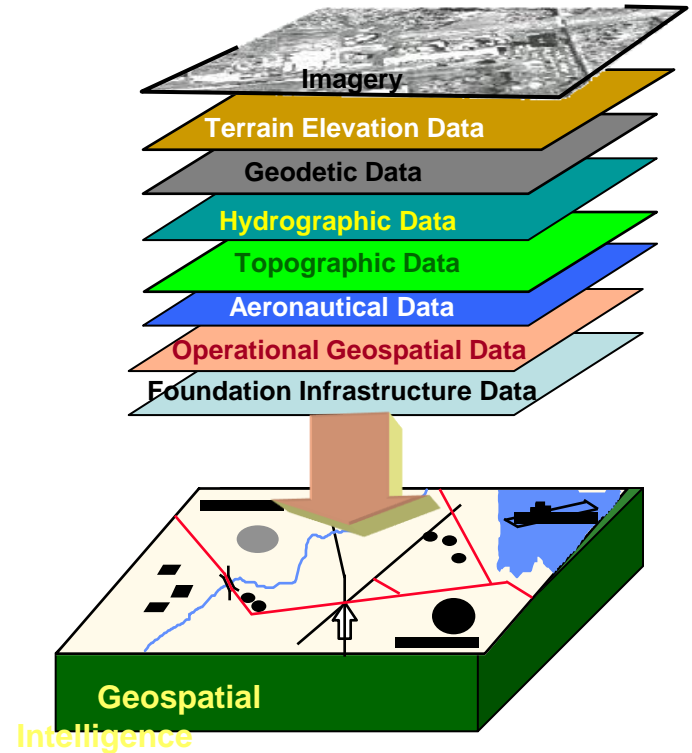
Why HIFLD Started

- Needed to fuse, analyze and visualize information – everything has a location
- Maps for decision makers were wrong
- PowerPoint Clip Art was default map of U.S.
- Needed a common geospatial foundation for multiple Homeland Defense/Homeland Security (HD/HLS) uses
- Needed partnerships to accomplish



HIFLD Objective

The HIFLD Working Group works within DoD, DHS and among their Homeland Defense and Homeland Security partners to promote domestic infrastructure geospatial information gathering, sharing and protection, visualization, and spatial knowledge management.



HSIP Gold – Foundation Data

- Unified homeland infrastructure foundational geospatial data inventory assembled by NGA in partnership with DoD, DHS and USGS for use by the HD/HLS Communities
- Compilation of best available Federal government and commercial proprietary data sets
- Web Dissemination
- Foundation Data in: Palanterra, iCAV National Operations Center, iDomain, SAGE, Triton, HD Maps, SMADS, and others
- Originally, for Federal use only; commercial licenses now extended to include disclosure to states and local governments and dissemination during Federal disasters
- HIFLD Community works to continuously improve by identifying authoritative and value-added data layers





HSIP Mission Statement

To provide the Homeland Security and Homeland Defense community with “foundation geospatial data” to create a common operational picture for critical infrastructure to “analyze threat” and “expedite readiness, response and recovery”.



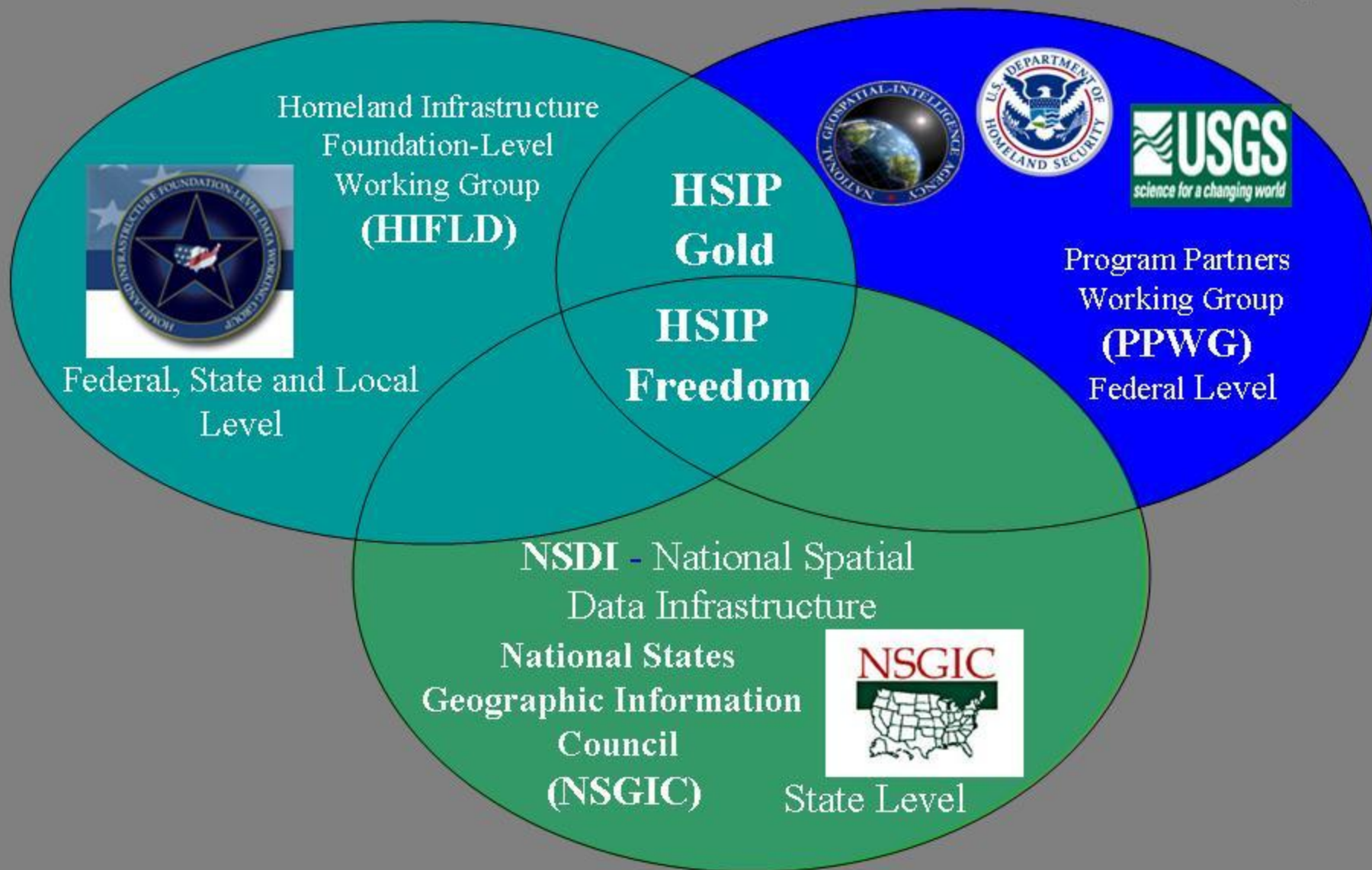
Homeland Security Infrastructure Program

Consists of an Imagery Base, Elevation, and Vector Data Layers

- High Res Imagery
 - 1 ft or better resolution
 - 2 year currency desirable
- Elevation Data
 - 1 m over urban core
 - 30 m or better data over remainder
- Infrastructure Vector Layers (HSIP GOLD)
 - Information & Communications
 - Banking, Finance, & Insurance
 - Water Supply
 - Transportation
 - Emergency Services/Energy
 - Emergency / Law Enforcement
 - Public Health
 - Special Functions (DOD/IC)
 - High Value/Symbolic Targets -National Symbols
 - Food Industry
 - Agriculture & Livestock
 - Chemical Manufacturing
 - Commercial & Retail



HIFLD, PPWG, and NSGIC Relationships





HSIP GOLD 2008 Record Count

- Agriculture: 779,319
- Borders: 810
- Boundaries: 205,429
- Chemicals: 448,818
- Commercial: 311,472
- Communications: 1,997,018
- Education: 123,279
- EmergencyServ: 116,734
- Energy: 2,647,122
- Finance: 126,305
- FoodIndustry: 37,833
- Geonames: 222,423
- Government: 44,267
- Hazmat: 158,260
- LawEnforcement: 44,471
- MailShipping: 231,242
- Manufacturing: 330,351
- Mining: 11,903
- NatSymbols: 17,356
- NaturalHazards: 183,903
- PubHealth: 182,283
- PubVenues: 314,901
- TransAir: 41,213
- TransGround: 2,132,520
- TransWater: 89,074
- WaterSupply: 586,652

Approximately Over 11 million total records



New HSIP Gold 2008 Datasets

- DIB Facilities
- NDMS Federal Coordinating Centers
- DOI Indian Reservations
- Veterans Affairs Medical Facilities
- RAP Regions
- Historical Fire Perimeters 2001-2006
- Historical Fire Perimeters 2007
- Large Mutual Fund Facilities
- Compressed Natural Gas Stations
- E85 Fuel Stations
- Electric Fuel Stations
- Ethanol Plants
- Hydrogen Fuel Stations
- Liquid Natural Gas Stations
- Liquid Petroleum Gas Stations
- EPZ Ingestion Exposure Pathway
- EPZ Plume Exposure Pathway
- Inland Waterway Mile Markers
- EPA Regions
- Armed Forces Recruiting Centers
- US Army Reserve Facilities
- Offshore Traffic Separation
- Restricted Areas / Regulated Navigational Areas
- Safety and Security Zones
- Shipping Safety Fairways
- USCG DGPS Locations
- USCG LORSTA Stations
- US Postal Inspection Service Facilities
- 110th Congressional District Boundaries



HSIP GOLD 2007 Restrictions

- Data has limited utility at the state and local level
 - **Why?**
 - Current licenses restrict sharing HSIP Gold with state and local authorities until the declaration of a federal state of emergency, at which point the data is too late to be useful.
 - **What is needed to fix this?**
 - Money to upgrade the licenses
- OR**
- A different approach to data sources

NOW

NEXT

Commodity Data



Sharable but not Shared Data

HSIP GOLD

HSIP GOLD

- Contains a large percentage of Commodity data licensed for Federal use only.
- Contains a significant amount of sharable data, but is not currently shared. These are government datasets, or ones constructed by government contractors.

Commodity Data



Sharable but not Shared Data

HSIP GOLD

Sharable and Shared Data



Commodity Data

HSIP FREEDOM

HSIP FREEDOM

- Amount of sharable data will increase
- All sharable data will be shared at all levels of Government.

HSIP GOLD

- Some specialty commodity data will remain.
- May be small overlap with HSIP Freedom in special cases.



HSIP Freedom

- Disseminates critical infrastructure data for national, state, and local homeland security and defense users and first responders
- Available license-free
- Federal datasets (~150) from HSIP Gold
- State and local datasets acquired from state GIS coordinators



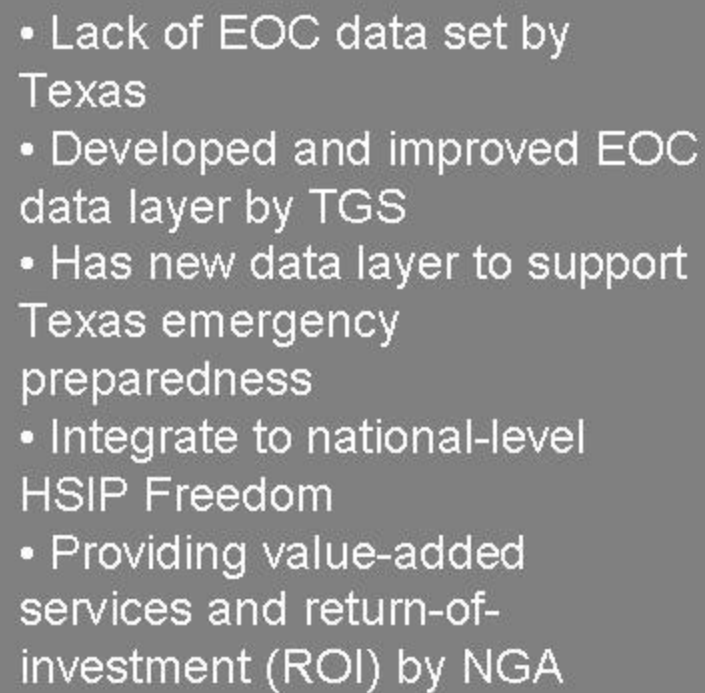
How HSIP Freedom Works

- State provides existing government-owned data
- State and TGS agree on the best way to update/improve data
- State coordinates improvement effort
- TGS updates/improves data
- Improved data is returned to state
- State determines how its data will be handled/protected for non-Federal users.
- Improved data is provided to NGA
- No cost to state



Benefits of HSIP Freedom

- Users of HSIP get better more complete data
- States get their existing data updated
- Federal, State and Local authorities have a common Operating Picture
- More Feedback on data quality from local users



19

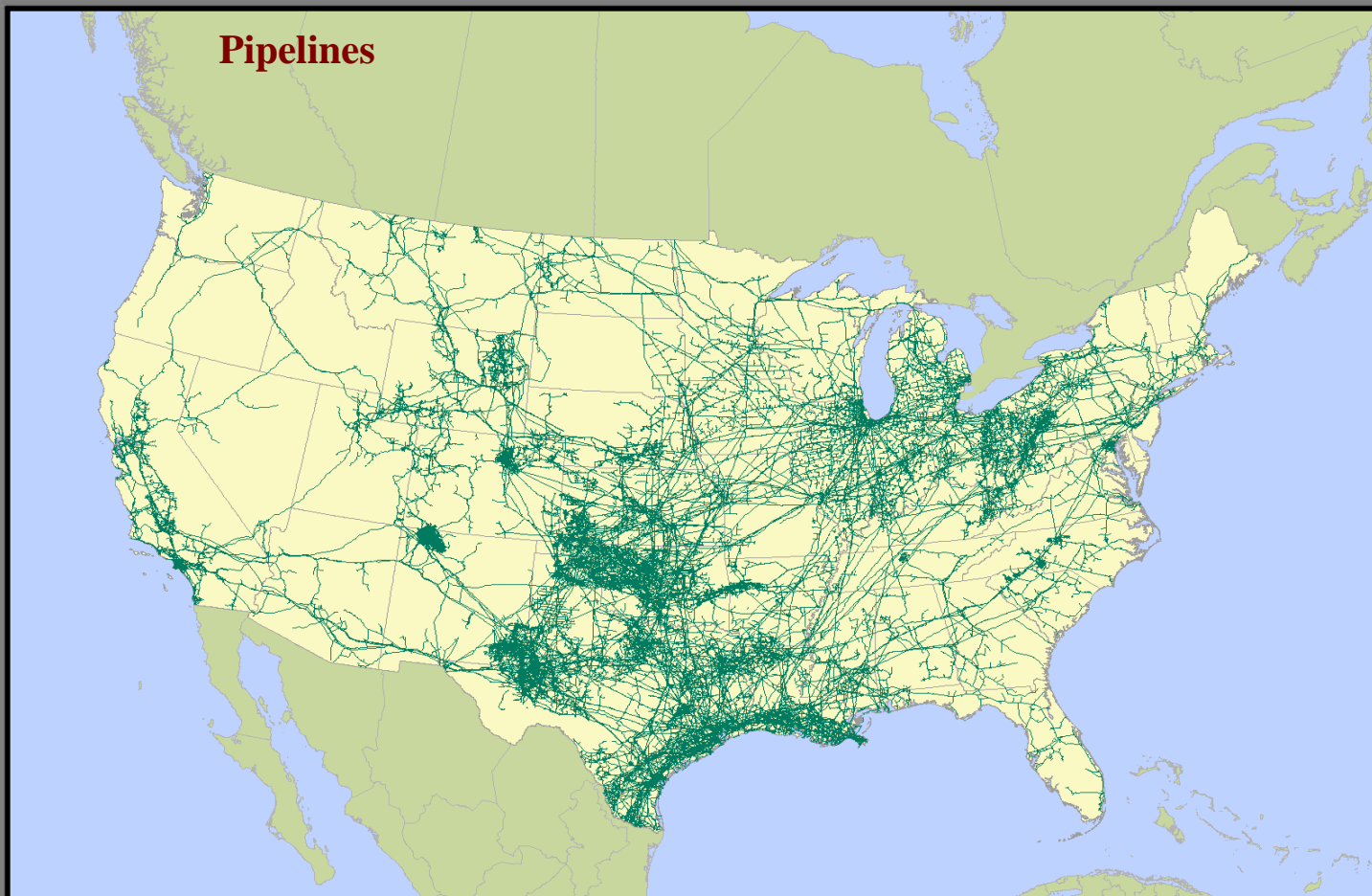


HSIP Freedom Initial Priorities

- Emergency Management Services (EMS) (1 Oct 08)
- Fire Stations (1 Oct 08)
- Hospitals (1 Oct 08)
- Law Enforcement (1 Oct 09)
- Places of Worship (1 Oct 09)
- Prisons & Jails (1 Oct 09)
- Urgent Care Centers (1 Oct 09)



Selected HSIP Critical Infrastructure Datasets



NGA holds geospatial datasets over the US
Over 11 million records and 340 Feature Classes

Homeland Infrastructure Foundation Level Data (HIFLD) Evolution



PHASE 1

• HIFLD Start

- Started with 3 organizations and 13 people
- No common data usage or standards
- PowerPoint and Clipart were standard

PHASE 2

• HIFLD Now

- Represents a Federal government "best practice" for interagency collaboration and partnership
- Now 299 organizations and 2000+ members
- HSIP Gold has become de facto standard

PHASE 3

PHASE 4

• HIFLD Next

- Federal / State Governments and Private Sector Partner collaboration within PSA areas
- Bring coordinated Federal support to the states (states requested)
- Improved HSIP data sharing

Regional HIFLD Mission Requirement

- Requirement for increased and sustained collaboration expressed by:
 - National State Geospatial Information Council (NSGIC)
 - National Association of Counties (NACo)
- Infrastructure information required prior to incidents for training and planning to enhance preparedness, response, and recovery
- Extend awareness and reach of Federal Infrastructure Protection resources
- Strengthen Federal – State – Private Sector Partnerships
 - We are doing this on the protection and security fronts.
 - Focus on Data and GIS interaction and collaboration
- Savings of \$Ms spent on commercial data

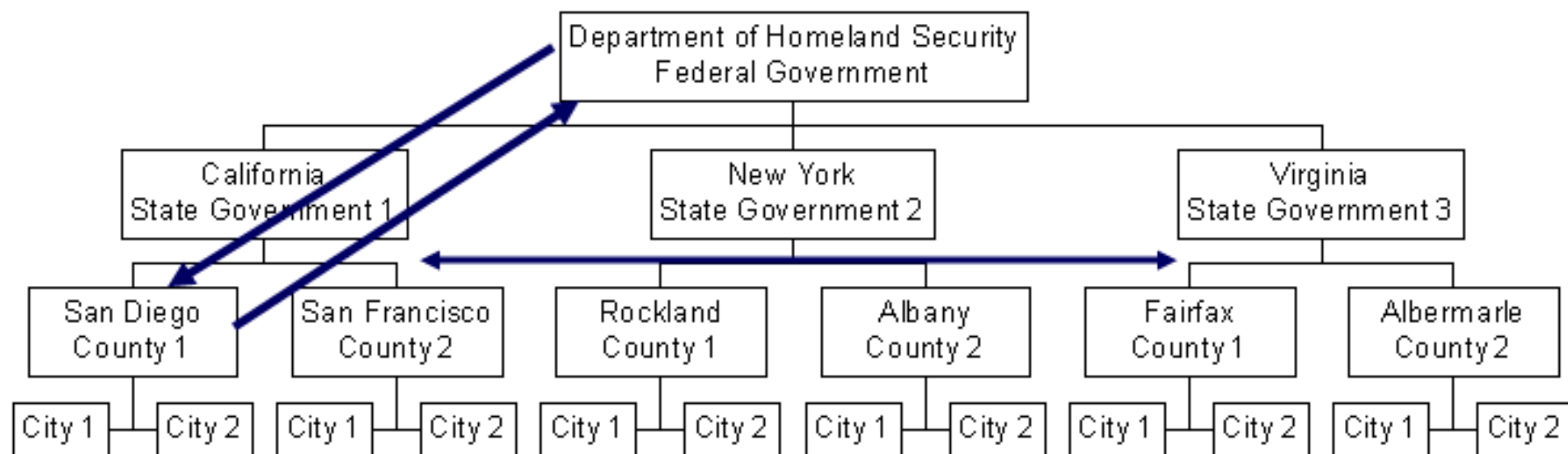


Mission Gap

- Partnerships (w/ data and GIS counterparts at the S&L level)
 - Critical component for true data integration and exposing data services
 - Critical to coordinated remote sensing operations
- Enhanced Data Management – Requirements, Access and Information Sharing, Collection, Standards, Protection
- Help level the playing field between States and Counties with and without resources to leverage infrastructure data for their Infrastructure Protection programs
- Accelerate build of HSIP Freedom (Federally acquired data provided to S&L gov.)
- Increased data population of the Infrastructure Data Warehouse
- Increased coordinated preparedness and situation awareness down to the County level



Horizontal / Vertical Infrastructure Data Management



- Get data to the States
- Build and Share “Composite Layers” for National, Regional and State Infrastructure for HSIP Freedom and HSIP Gold
- Same Data Serving Multiple OGC Viewers - ESRI, Google, Microsoft, WEBEOC
- Build Understanding of Regional Interdependencies

This will take time...can't be done without **sustained** partnerships.



PSA Map

Pacific Ocean

Northwest Area

Southwest Area

Midwest Area

Great Lakes Area

Gulf Coast Area

Southeast Area

Northeast Area

Mid-Atlantic Area

PSA Roster

Alaska

Hawaii

American Samoa

Northern Marianas Islands

Guam

Not Pictured: Marshall Islands, Micronesia, and the Republic of Palau.

Puerto Rico

San Juan

U.S. Virgin Islands

Personnel Requirements

- National HIFLD – 1
- Regional IEBs – 16
- GIS/A for PSAs – 8

0 200 400
miles



HIFLD Phased Implementation

- **Phase I-III: Complete**
- **Phase IV Alpha:** Information Gathering (Store in Geodatabase/Shapefile)
 - Identify Federal Sponsors (**DHS/IICD**, DCIP, ISE PM) / Leads for each Area (**PSA**)
 - Prioritize PSA Areas for implementation based on resources (2-3 initially)
 - Identify PSA Area Participants and Collect Contact Information
 - Identify Regional / State Meetings that already exists – **LEVERAGE**
 - Identify Regional Staffing
- **Phase IV Bravo: Layout Regional Meeting Schedule**
 - Layout Regional Themes and Venues
 - Layout Initial Agendas (**common thread – infrastructure data and GIS support to IP**)
 - From FEDs: HSPD-7, NIPP, DCIP, HSIP Freedom/Gold, PPWG, FEMA, EPA, FGDC HLS, GIS Inventory, DISDI, NORTHCOM, Remote Sensing Capabilities, GDM, FEMA MapMod, NOAA Coastal Data
 - Applications / Models: iCav, DHS Earth, ACAMs, SAGE, BZPPs, IST, CAPTAP
 - From Regions: State Organizations, Projects, Geospatial Data Efforts; Requirements Gathering and Data Collection, Data Sharing Effort
- **Evolve into Data and GIS Technology Integration Activities**
 - Data / Geospatial Resource website for each PSA Area on HIFLD website
 - Remote sensing coordination, integration, and leveraging
 - Regional HIFLD Data (HSIP Gold and Freedom) Feedback Mechanism
 - Integrate Webinars, VTCs, Lessons Learned, Data Collection Strategies / Implementation Plans

Critical Infrastructure / Key Resources Subcommittee

June 15, 2010



Questions?



*Connecticut GIS Council
Critical Infrastructure / Key Resources Subcommittee*

June 15, 2010

HSIP Data and State CI/KR Priorities

61	Education	FlightSchools	Flight School	Point	519	TechniGraphics, Inc (TGS)	Feb-
62	Education	Schools	Schools	Point	132279	Oak Ridge National Laboratory (ORNL)	Jan-
63	Education	TruckDrivingSchools	Truck Driving School	Point	597	TechniGraphics, Inc (TGS)	Feb-
64							
65	EmergencyServ	EmergencyServices_311_Boundaries	911 Public Safety Answering Point Boundary	Area	5597	TechniGraphics, Inc (TGS)	Jul-
66	EmergencyServ	EMS	Emergency Medical Service	Point	42812	TechniGraphics, Inc (TGS)	Jan-
67	EmergencyServ	FEMA_Recovery_Offices	FEMA Recovery Offices	Point	9	Federal Emergency Management Agency (FEMA)	Apr-
68	EmergencyServ	FEMA_RegionalHqs	FEMA Regional Headquarters	Point	13	Federal Emergency Management Agency (FEMA)	Apr-
69	EmergencyServ	FEMA_REGIONS	FEMA REGIONS	Area	11	Federal Emergency Management Agency (FEMA)	Apr-
70	EmergencyServ	firestations	Fire Stations	Point	53087	TechniGraphics, Inc (TGS)	Jan-
71	EmergencyServ	Hurricane_Evacuation_Routes	Hurricane Evacuation Routes	Line	31593	TechniGraphics, Inc (TGS)	Aug-
72	EmergencyServ	Ingestion_Exposure_Pathway_EPZ	Ingestion Exposure Pathway Emergency Planning Zones (EPZs)	Area	33	HIFLD Working Group	Feb-
73	EmergencyServ	Local_EmergencyOperationsCenters	Local Emergency Operations Centers	Point	5985	TechniGraphics, Inc (TGS)	Nov-
74	EmergencyServ	National_Shelter_System	National Shelter System	Point	49081	TechniGraphics, Inc (TGS)	Aug-
75	EmergencyServ	NDMS_Federal_Coordinating_Centers	National Disaster Medical System (NDMS) Federal Coordinating Centers	Point	63	HIFLD Working Group	Feb-
76	EmergencyServ	Plume_Exposure_Pathway_EPZ	Plume Exposure Pathway Emergency Planning Zones (EPZs)	Area	73	HIFLD Working Group	Feb-
77	EmergencyServ	Red_Cross_Divisions	American Red Cross Divisions	Area	10	American Red Cross	Jan-
78	EmergencyServ	Red_Cross_Headquarters	American Red Cross Headquarters	Point	632	American Red Cross	Jan-
79	EmergencyServ	Red_Cross_Regions	American Red Cross Regions	Area	159	American Red Cross	Jan-
80	EmergencyServ	RedCross	Red Cross Chapter Facility	Point	800	TechniGraphics, Inc (TGS)	Nov-
81	EmergencyServ	RedCross_Chapters	American Red Cross Chapters	Area	729	American Red Cross	Jan-
82	EmergencyServ	State_EDCs	State Emergency Operation Centers (EDCs)	Point	59	Federal Emergency Management Agency (FEMA)	Feb-
83							
84	Energy	Alternative_Fueling_Stations	Alternative Fueling Stations	Point	4984	National Transportation Atlas Database (NTAD) 2009	Jan-
85	Energy	biomethanol	Biomethanol Plants	Point	171	Platts	Oct-
86	Energy	control_areas	Control Areas	Area		Ventys	Feb-
87	Energy	control_facilities	Energy Distribution Control Facilities	Point		Ventys	Jun-
88	Energy	electric_generating_units	Electric Generating Units	Point		Ventys	Feb-
89	Energy	electric_holding_company_areas	Electric Holding Company Areas	Area		Ventys	Feb-
90	Energy	electric_power_generation_plants	Electric Power Generation Plants	Point		Ventys	Feb-
91	Energy	electric_retail_service_territories	Electric Retail Service Territories	Area		Ventys	Feb-
92	Energy	ethanol	Ethanol Plants	Point		Platts	Oct-
93	Energy	ferro_region	FERC Regions	Area		Ventys	Aug-
94	Energy	flowgates_lines	Flowgates - Lines	Line	3712		Feb-
95	Energy	flowgates_points	Flowgates - Points	Point	743		Feb-
96	Energy	gas_comp	Natural Gas Compressor Stations	Point	2899		Feb-
97	Energy	gas_meter	Gas Meter Stations	Point	2064		Feb-
98	Energy	gas_plat	Oil and Natural Gas Platforms	Point	6976		Feb-
99	Energy	gas_port	Natural Gas Import/Export Points	Point	49		Feb-
100	Energy	gas_proc	Natural Gas Processing Plants	Point	707		Feb-
101	Energy	gas_prod	Oil and Natural Gas Fields	Area	73		Feb-
102	Energy	gas_rdt	Natural Gas Receipt and Delivery Points	Point	27840		Feb-

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DHS Infrastructure Taxonomy



Homeland
Security

Infrastructure Taxonomy

Version 3: November 1, 2008

Infrastructure Information Collection Division (IICD)
Office of Infrastructure Protection
Department of Homeland Security

This document is UNCLASSIFIED. Note: This version supersedes the previously approved November 1, 2006, version, which was designated as Unclassified//For Official Use Only. Reviews will be conducted in coordination with critical infrastructure protection partners on an annual basis to continue revisions as needed.

Version 3, Nov. 1, 2008



DHS Infrastructure Taxonomy

For critical infrastructure, it is important to use a consistent terminology to facilitate communication and dissemination of information. Critical infrastructure and their elements can be described and categorized in various ways. To alleviate information sharing issues, DHS has developed the Infrastructure Taxonomy to serve as the standard for naming CIKR.

- This document outlines the taxonomy used by DHS to categorize various infrastructure elements.
- To the extent possible, the terminology is representative of each industry.
- The taxonomy merely defines the mutually exclusive categories to outline all infrastructure types within a given sector.



DHS Infrastructure Taxonomy

Table 1 Taxonomy Quick Reference

1. AGRICULTURE AND FOOD	
1.1	SUPPLY
1.1.1	Crop Production
1.1.1.1	Oilseed and Grain Farms
1.1.1.2	Vegetable and Melon Farms
1.1.1.3	Fruit and Tree Nut Farms
1.1.1.4	Greenhouse, Nursery, and Floriculture Facilities
1.1.1.5	Other Crop Farms
1.1.2	Animal Production
1.1.2.1	Cattle Ranches and Farms
1.1.2.1.1	Beef Cattle Ranches
1.1.2.1.2	Livestock Order Buyers
1.1.2.1.3	Livestock Backgrounders
1.1.2.1.4	Cattle Feedlots
1.1.2.1.5	Dairy Cattle Farms
1.1.2.2	Hog and Pig Farms
1.1.2.3	Poultry and Egg Production Farms
1.1.2.3.1	Poultry for Meat
1.1.2.3.2	Egg Production
1.1.2.4	Sheep & Goat Farms
1.1.2.5	Animal Aquaculture Facilities
1.1.2.6	Other Farm Facilities
1.1.3	Forestry
1.1.4	Fishing
1.2	PROCESSING/PACKAGING/PRODUCTION
1.2.1	Animal Food Manufacturing
1.2.1.1	Farm Animal Feed Manufacturing
1.2.1.1.1	On-Site Feed Mills
1.2.1.1.2	Off-Site Feed Mills
1.2.1.2	Rendering and Meat Byproduct Manufacturing
1.2.1.3	Pet Food Manufacturing
1.2.2	Grain and Oilseed Milling
1.2.2.1	Grains, Fats, and Oils Processing
1.2.2.2	Breakfast Food Manufacturing
1.2.3	Sugar and Confectionary Product Manufacture
1.2.3.1	Sugar Manufacturing



DHS Infrastructure Taxonomy

NAICS CODE	DESCRIPTION	ATTRIBUTES OF INTEREST	OTHER CATEGORIZATION(S)
1	AGRICULTURE AND FOOD Agriculture comprises establishments primarily engaged in growing crops, raising animals, harvesting timber, and harvesting fish and other animals from a farm, ranch, or their natural habitats. Food establishments transform livestock and agricultural products into products for intermediate or final consumption. The industry groups are distinguished by the raw materials (generally of animal or vegetable origin) processed into food and beverage products. The food and beverage products manufactured in these establishments are typically sold to wholesalers or retailers for distribution to consumers.		
1.1	SUPPLY Facilities that supply the livestock and agricultural raw materials.		
1.1.1	111 Crop Production These facilities comprise establishments, such as farms, orchards, groves, greenhouses, and nurseries, primarily engaged in growing crops, plants, vines, or trees and their seeds.		
1.1.1.1	1111 Oilseed and Grain Farms Farms are engaged in growing oilseed and/or grain crops and/or producing oilseed and grain seeds. These crops have an annual life cycle and are typically grown in open fields. Includes soybeans, oilseeds, dry pea and beans, wheat, corn, oats, rice, and others.	<ul style="list-style-type: none"> • Acreage • Crop(s) Produced • Production 	
1.1.1.2	1112 Vegetable and Melon Farms Farms primarily engaged in growing root and tuber crops (except sugar beets and peanuts) or edible plants and/or producing root and tuber or edible plant seeds. The crops included in this group have an annual growth cycle and are grown in open fields. Climate and cultural practices limit producing areas but often permit the growing of a combination of crops in a year.	<ul style="list-style-type: none"> • Acreage • Crop(s) Produced • Production 	
1.1.1.3	1113 Fruit and Tree Nut Farms These farms are primarily engaged in growing fruit and/or tree nut crops. The crops included are generally not grown from seeds and have a perennial life cycle. Includes citrus and non-citrus fruits and nuts.	<ul style="list-style-type: none"> • Acreage • Crop(s) Produced • Production 	
1.1.1.4	1114 Greenhouse, Nursery, and Floriculture Facilities Facilities primarily engaged in growing crops of any kind under cover and/or growing nursery stock and flowers. "Under cover" is generally defined as greenhouses, cold frames, cloth houses, and lath houses. The crops grown are removed at various stages of maturity and have annual and perennial life cycles. The nursery stock includes short rotation woody crops that have growth cycles of 10 years or less.	<ul style="list-style-type: none"> • Crop(s) Produced • Facility Area • Production 	

Data Security



*Connecticut GIS Council
Critical Infrastructure / Key Resources Subcommittee*

June 15, 2010



STATE OF CONNECTICUT
DEPARTMENT OF
EMERGENCY MANAGEMENT AND HOMELAND SECURITY



OFFICE OF THE COMMISSIONER

ADVISORY BULLETIN 2008-2

Issued May 19, 2008

RE: GUIDELINES FOR REVIEW OF FREEDOM OF INFORMATION
REQUESTS FOR POSSIBLE SAFETY RISKS

1. The state Freedom of Information (FOI) statute contains language on how to handle FOI requests for security-related information. See, for example, Conn. Gen. Stat. §§1-210(b)(19) and 1-210(d). Section 1-210(b)(19) states in part that "nothing in the Freedom of Information Act shall be construed to require disclosure of records when

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As of October 1, 2007, if the FOI request comes to a municipal, district or regional agency, and the agency wishes to withhold all or part of the requested records based on §1-210(b)(19) and/or §1-210(d), the chief executive officer of such agency must request a determination of the reasonable grounds for a safety risk from the Commissioner of the state Department of Emergency Management and Homeland Security.

If the FOI request comes to a state executive branch agency, the safety risk determination must be requested from the state Department of Public Works (DPW).



HSIP Freedom data set is deemed For Official Use Only (FOUO), therefore, it is not open to the public at this time.

Non-licensed Data Access and Use:

Databases contained in HSIP Gold 2010 have varied data access and use constraints, which are documented in each individual dataset's metadata. The major categories for access are:

None (Public Domain Information);

Federal, State and Local Government and Industry Partner Access Only;

Federal, State and Local Government Access Only;

Federal Government Access Only



Next Steps

Meeting 2:

Identify HSIP data of interest to review and assess
How does it compare to existing sector data

Meeting 3:

Report back findings (good/bad/etc.)
Identify and discuss data issues
Identify best approaches to incorporating/correcting data
How best to document changes

Meeting 4:

HIFLD to the Regions Representative (?)
State data flow/protocols

Changes? Suggestions?



Schedule Next Meetings

~end~



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